

THSTI's BSL-3 Facility



About the facility

A state-of-art BioSafety Level-3 (BSL-3) Facility is established in NCR Biotech Science cluster. The facility is intended to serve as a national resource platform for development of vaccines against various existing and future infectious agents

Infrastructure

The facility is built with an area of around 3800 square feet as per the DBT guidelines. The facility has two modules dedicated for Bacteriology and Virology work. Dedicated lab suites, animal holding areas, procedure rooms, common instrumentation room have been created to maintain unidirectional workflow.

The facility is equipped with high quality instruments like type B2 Biosafety cabinets, CO₂ incubators, deep freezers, incubator shakers, aerosol inhalation system, plate readers, microscope, IVC cages, homogenizers, etc. All equipment's have been calibrated and validated as per DBT norms.

Services Offered

1. Validated assays for pre-clinical and clinical vaccine efficacy studies
2. Research support in virus inactivation methods
3. Research support in culture of clinical isolates for study of virus variants
4. Drug efficacy studied in cell lines/ animal models.

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